

# POLYURETHANE FIBERGLASS SLEEVES

## SPECIFICATION

### Description

The polyurethane fiberglass sleeve consists of a glass yarn sleeve coated with a layer of polyurethane.

### Properties

The polyurethane fiberglass sleeve is flexible, non-transparent and available in various colors. The glass fabric ensures very good mechanical properties at high temperatures up to class F (155 °C).

### Application

Main field of application – electric-, heat- and mechanical insulation in the manufacture and repair of electric motors, transformers, electric welding units, electric machines, lighting fittings and household electrical appliances. These products are highly flexible. The surface is smooth, non-adhesive and allows easy mounting.

### Delivery format

Color: natural – translucent, colored – basic colors

Packaging: Cardboard spool with variable length depending on the size of the sleeves, or cut in 1m length.

Size	Spool Length
0,5 - 4,5 mm	200 m
5 - 14 mm	100 m
15 – 24 mm	50 m

### Standards

EN or IEC 60684-3-409:1999  
BDS EN 60684-3-409:2003

## TECHNICAL DATA

Property	Value	Unit
<b>Material</b>	Fiberglass yarn and polyurethane varnish	-
<b>Heat resistance class</b>	F	-
<b>Work temperature</b>	155	°C
<b>Specific volume resistivity</b>	50 - 200	MΩ * m <sup>-1</sup>
<b>Breakdown voltage</b>	> 4.0	kV

Inner diameter, mm	Tolerance, mm	Wall thickness, mm	
		Nominal, mm	Tolerance, mm
0,5	0,20	0,5	0,15
1,0		0,5	
1,5		0,5	
2,0		0,5	
2,5		0,5	
3,0	0,25	0,5	
3,5		0,5	
4,0		0,5	
4,5		0,5	
5,0		0,5	
6,0		0,5	
7,0	0,30	0,5	
8,0		0,7	0,20
9,0		0,7	
10,0		0,7	
12,0	0,7		
14,0	0,50	0,7	0,30
16,0		0,7	
18,0		0,7	
24,0		0,7	